Historic, Archive Document

Do not assume content reflects current
scientific knowledge, policies, or practices.

Technical Note 26   January 15, 1941
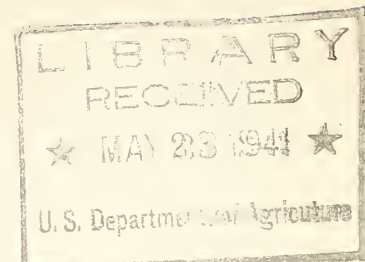
LOCAL VOLUME TABLE [1]

for

EASTERN HEMLOCK

(Tsuga canadensis)
in Holmes County, Ohio

INTERNATIONAL Rule ($\frac{1}{4}$" kerf)

Merchantable Stem to a Variable Top Diameter

Diameter breast high outside bark (Inches)	Volume per tree	Average merchant- able length	Basis in trees
	Board feet	Feet	Number
8	16	12.5	4
9	28	21	7
10	44	27	5
11	63	31.5	8
12	84	35.5	6
13	109	39.5	6
14	136	42.5	5
15	166	45.5	5
16	200	48.5	6
17	236	51	7
18	275	53.5	3
19	317	56	7
20	362	58	6
21	410	60	4
22	461	62	5
23	515	63	3
24	572	65	2
25	632	66	3
26	695	67	2
27	760	68	-
28	829	69	1
29	900	70	-
30	975	70.5	-
31	1,052	71.5	2

(1) Trees climbed and measured by personnel of Work Projects Adminis- tration Official Project 65-1-42-166 - "the Ohio Woodland Survey." Measure- ments taken at 12-foot log lengths above a 1.0-foot stump height. Scaled as 12-foot logs, and additional shorter top logs; top sections less than 8 feet in length scaled as fractions of an 8-foot log. Basis, 97 trees.

Table prepared, in 1941, by curving volume of merchantable length over d.b.h.

Aggregate difference: table is 0.38% high. Average percentage devia- tion of basic data from table, 15.0%.

J. Richard Crawmer
L. F. Kellogg